158340

Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

217/782-2113

OPERATING PERMIT

PERMITTEE

Sauget Sanitary Development & Research Association
10 Mobile Street
Sauget, Illinois 62201

Attention: Brett L. Manke

Application No.: 84080055 I.D. No.: 163121AAU
Applicant's Designation: VO-19 Date Received: August 17, 1984
Subject: LIME SILOS
Date Issued: August 29, 1984 Expiration Date: August 27, 1989
Location: 10 Mobile Street, Sauget, Illinois

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of lime silos with baghouse as described in the above-referenced application. This Permit is subject to standard conditions attached hereto.

Bharat Mathur, P.E.
Manager, Permit Section
Division of Air Pollution Control

BM:DMH:bv/1634D/13
DMH 8-30-84
cc: Region 3

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

STANDARD CONDITIONS FOR OPERATING PERMITS

1. The issuance of an operating permit by the Agency does not release the permittee from compliance with other applicable statutes of the State of Illinois or with applicable local laws, regulations or ordinances.

2. The Agency has granted this permit based upon the information submitted by the permittee in the permit application. Any misinformation, false statement of misrepresentation in the permittee's application shall be grounds for revocation under Rule 103(f), Chapter 2, Part 1 of the Illinois Pollution Control Board Rules and Regulations.

3. The permittee shall not authorize, cause, direct or allow any modification, as defined in Rule 101, Chapter 2, Part 1 of the Illinois Pollution Control Board Rules and Regulations, of equipment, operations or practices which are reflected in the permit application as submitted unless a new application or request for revision of existing application is filed with the Agency at least ninety (90) days prior to the time of such modification and unless a new permit or revision of existing permit is granted for such modification.

4. At any time during normal working and/or operating hours, any agent of the Environmental Protection Agency shall have the right and authority to inspect the equipment and operations described by the permit application. Permittee agrees to allow such inspections. This authority:

   (a) shall not in any manner affect the title to the premises upon which such equipment is located,

   (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of, the design, installation, maintenance, or operation of such equipment, and

   (c) in no manner implies or suggests that the Environmental Protection Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of such equipment.

5. The equipment covered by this permit shall be operated in such a manner that the disposal of air contaminants collected by the equipment shall not cause a violation of the Environmental Protection Act or Regulations promulgated thereunder.

6. The permittee shall maintain the equipment in such a manner that the performance of such equipment shall not cause a violation of the Environmental Protection Act or Regulations promulgated thereunder.

7. The permittee shall maintain a maintenance record on the premises for each item of air pollution control equipment. This record shall be available to any agent of the Environmental Protection Agency at any time during normal working and/or operating hours. This record shall show, as a minimum, the:

   (a) date of performance of, and nature of, preventative maintenance, and

   (b) date of any malfunction or breakdown and the nature of repairs to, or corrective measures performed to maintaining the performance of the equipment.

8. The permittee shall submit annually, beginning one year from the date of this operating permit, an "Annual Emission Report," form APC-208, as required by Rule 107 of the PCB Regs., Chapter 2, Part 1. (Note: If the permittee has other operating permits for this facility, he may submit the "Annual Emission Report" for all such permits in a single annual submission.)

9. **If the permit application contains a "Compliance Program and Project Completion Schedule,"** form APC-202, the permittee shall submit a "Project Completion Report" form APC-271, within thirty (30) days of any date specified in the "Compliance Program and Project Completion Schedule" or at six month intervals, whichever is more frequent.

10. **If the permit contains permission to operate in excess of applicable emission standards during startup,** the permittee shall keep a record of each startup, including information as to the length of time that such operation exceeded applicable standards and limitations, and a detailed explanation of why such startup was necessary.

11. **If the permit contains permission to operate in excess of applicable emission standards during malfunctions or breakdowns,** the permittee shall immediately notify the Agency's regional Field Operations Section office by telegram upon occurrence of malfunction or breakdown, and comply with all directives of the regional office with respect to the incident. (See map on reverse side.)

    The permittee shall maintain records of such malfunctions or breakdowns. These records shall include: a full and detailed explanation of why such breakdown occurred; the length of time during which operation continued under conditions and malfunction or breakdown; the measures the permittee used to reduce the length of time of such operation; and the steps the permittee will take to prevent future similar malfunctions or breakdowns. This record shall be available to any agent of the Environmental Protection Agency at any time during normal working and/or operating hours.

    The permittee shall not continue operation during malfunction or breakdown beyond such time as is necessary to prevent injury to persons or severe damage to equipment or to provide essential services.

DIRECTORY
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL

For assistance in preparing a permit application contact the Permit Section.

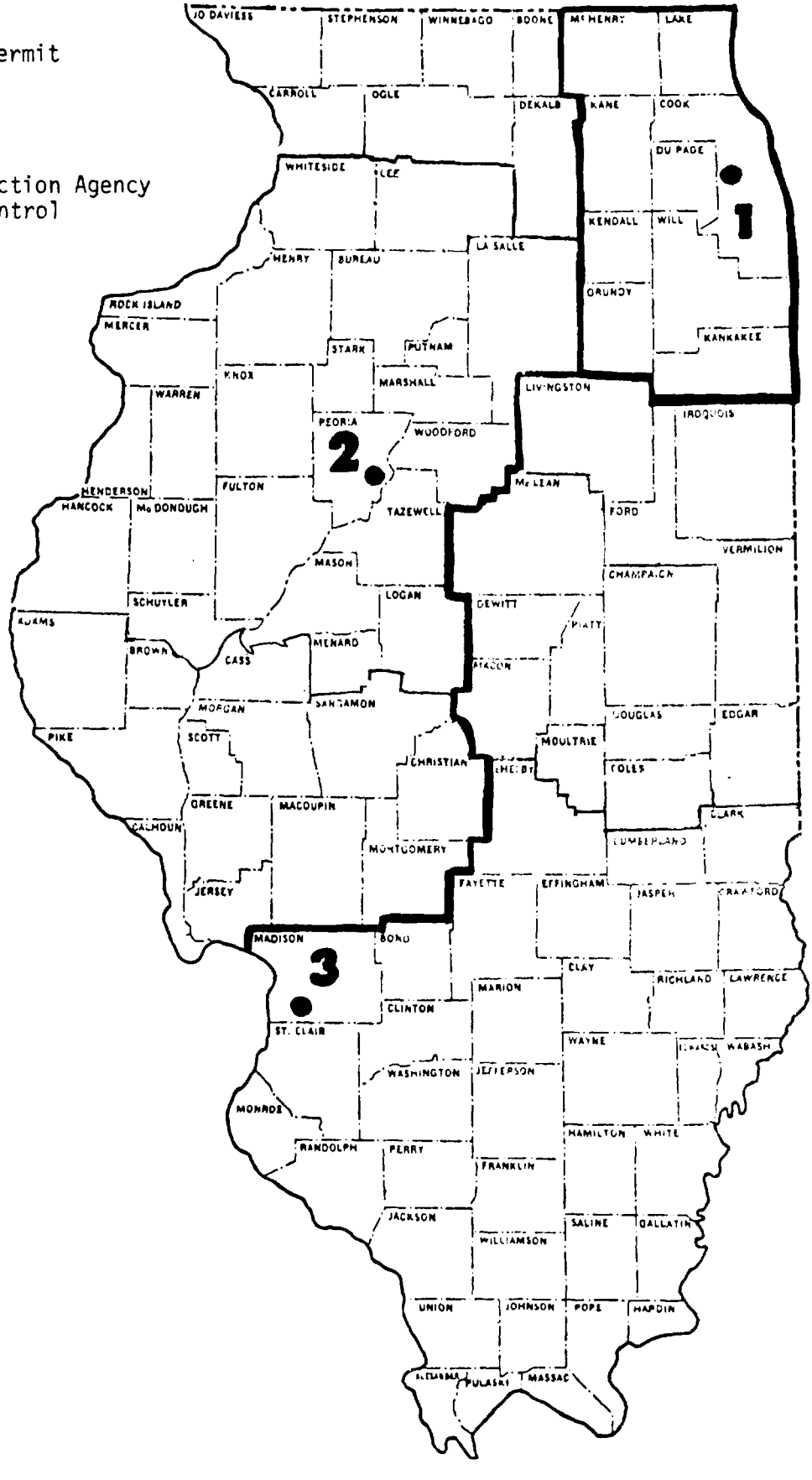
Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section
2200 Churchill Road
Springfield, Illinois 62706
(217) 782-2113

or a regional office of the Field Operations Section. The regional offices and their areas of responsibility are shown on the map. The addresses and telephone numbers of the regional offices are as follows:

Region 1
Intercontinental Center
Suite 1205 - 1701 1st Avenue
Maywood, Illinois 60153
(312) 345-9780

Region 2
5415 North University
Peoria, Illinois 61614
(309) 691-2200

Region 3
115A West Main
Collinsville, Illinois 62234
(618) 345-0700



CALCULATION SHEET

Facility Seaget Sanitary Development	A.D. 163 121 BAU
Anal. Eng. DMH Date 08 28 84	PN 84080055
Rev. Eng. _____ Date __ __ __	Date Rec. 08 17 84

an operating permit for ~~two~~ three storage silos

PWR 1250 lbs/hr

op/hr 2 x 5 x 52 = 520 1 x 5 x 52 = 260

Uncontrolled emissions 18.5 #/hr

control: baghouse 98.5%

actual emissions 2.8 #/hr

$\frac{2.8 \times 520}{2000} = 0.7\ T/yr$

Rule: 203(f) - sect 212.301 Source is in compliance

This operation has been in existance since April 1976 therefore NSR does not apply

Recommend Grant

DMH

8-28-84

IL 532-0262
APC 268 3/80

Sheet ____ of ____

Village of Sauget

Paul Sauget
Mayor

2897 Monsanto Avenue
Sauget, Illinois 62206

(618) 337-5267

Reg 3-1

RECEIVED
AUG 17 1984
IEPA - DAPC - SPFLD

August 8, 1984

Sate of Illinois
Environmental Protection Agency
Division of Air Pollution Control
2200 Churchill Road
Springfield, Illinois 62706

Dear Sirs:

Attached you will find an application for Air Pollution Control Permit for our lime silo located at the Physical-Chemical Treatment Plant. On review of pertinent regulations, it became questionable as to wether we require such a permit; therefore, we elected to make this submission.

Sincerely,

Paul Sauget
Mayor

PS/ba

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

This Agency is authorized to require this information u
Illinois Revised Statutes, 1979, Chapter 111 1/2, Section
Disclosure of this information is required under that Se
Failure to do so may prevent this form from being pro
and could result in your application being denied. This
has been approved by the Forms Management Center.

APPLICATION FOR A PERMIT(A)
☐ CONSTRUCT ☒ OPERATE

NAME OF EQUIPMENT TO BE CONSTRUCTED OR OPERATED: Lime Silos (B)

FOR AGENCY USE ONLY
I. D. NO. 163121AAU
PERMIT NO. 84 08 0055
DATE 8-17-84

1a. NAME OF OWNER:		2a. NAME OF OPERATOR:	
Village of Sauget, Illinois		Sauget Sanitary Development & Research Assn.	
1b. STREET ADDRESS OF OWNER:		2b. STREET ADDRESS OF OPERATOR:	
2897 Falling Springs Road		10 Mobile Street	
1c. CITY OF OWNER:		2c. CITY OF OPERATOR:	
Sauget		Sauget	
1d. STATE OF OWNER:	1e. ZIP CODE:	2d. STATE OF OPERATOR:	2e. ZIP CODE:
Illinois	62206	Illinois	62201

3a. NAME OF CORPORATE DIVISION OR PLANT:		3b. STREET ADDRESS OF EMISSION SOURCE:		
Sauget Physical-Chemical Treatment Plant		10 Mobile Street		
3c. CITY OF EMISSION SOURCE:	3d. LOCATED WITHIN CITY LIMITS: ☒ YES ☐ NO	3e. TOWNSHIP:	3f. COUNTY:	3g. ZIP CODE:
Sauget		Centreville	St. Clair	62201

4. ALL CORRESPONDENCE TO: (TITLE AND/OR NAME OF INDIVIDUAL)	5. TELEPHONE NUMBER FOR AGENCY TO CALL:
Brett L. Hanke	(618) 874-3188
6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE) ☐ OWNER: ☒ OPERATOR ☐ EMISSION SOURCE	7. YOUR DESIGNATION FOR THIS APPLICATION: (C) VO-19

8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.

AUTHORIZED SIGNATURE(S): (D)

BY Paul Sauget — SIGNATURE — DATE
Paul Sauget — TYPED OR PRINTED NAME OF SIGNER
Mayor, Village of Sauget — TITLE OF SIGNER

RECEIVED
AUG 17 1984
IEPA - DAPC - SPFLD

BY Brett L. Hanke — SIGNATURE — 8-9-84 DATE
Brett L. Hanke — TYPED OR PRINTED NAME OF SIGNER
Association Engineer — TITLE OF SIGNER

(A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS FORM MAY ONLY BE USED TO REQUEST ONE TYPE OF PERMIT - CONSTRUCTION OR OPERATION - AND NOT BOTH.

(B) ENTER THE GENERIC NAME OF THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS NAME WILL APPEAR ON THE PERMIT WHICH MAY BE ISSUED PURSUANT TO THIS APPLICATION. THIS FORM MUST BE ACCOMPANIED BY OTHER APPLICABLE FORMS AND INFORMATION.

(C) PROVIDE A DESIGNATION IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR DESIGNATION WILL BE REFERENCED IN CORRESPONDENCE FROM THIS AGENCY RELATIVE TO THIS APPLICATION. YOUR DESIGNATION MUST NOT EXCEED TEN (10) CHARACTERS.

(D) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH PCB REGS., CHAPTER 2, PART 1, RULE 103(a)(4) OR 103(b)(5) WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."

IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.

9. DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP.
☒ YES ☐ NO

IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:
AGENCY I.D. NUMBER _ _ _ _ _ _ _ _ _ _ APPLICATION NUMBER _ _ _ _ _ _ _ _

IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?
☐ YES ☒ NO: SPECIFY _____ ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.
☒ YES ☐ NO

11a. WAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:

☐ YES ☒ NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:
(a) LISTS OR DESCRIBES THE EQUIPMENT
(b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 14, 1972.

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOT PREVIOUSLY RECEIVED AN OPERATING PERMIT:

☒ YES ☐ NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:
(a) LISTS OR DESCRIBES THE EQUIPMENT
(b) STATES WHETHER THE EQUIPMENT
(i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
(ii) REPLACES EXISTING EQUIPMENT, OR
(iii) MODIFIES EXISTING EQUIPMENT
(c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION--INCORPORATION BY REFERENCE" BEEN COMPLETED.
☐ YES ☐ NO N/A

APPLICATION FOR OPERATING PERMIT ONLY

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:
☐ YES ☒ NO
IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE:
☐ YES ☐ NO

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPERATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:
☐ YES ☒ NO
IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE:
☐ YES ☐ NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:
☐ YES ☒ NO
IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE:
☐ YES ☐ NO

16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):
☐ YES ☒ NO

17. WAS THIS OPERATION THE SUBJECT OF A VARIANCE PETITION FILED WITH THE ILLINOIS POLLUTION CONTROL BOARD ON OR BEFORE JUNE 13, 1972:
☐ YES ☒ NO
IF "YES," CITE: PCB NUMBER(S) _____, DATE OF BOARD ORDER _____

WAS CONSTRUCTION OR MODIFICATION OF EQUIPMENT, SUFFICIENT TO ACHIEVE COMPLIANCE WITH THE "RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION" EFFECTIVE PRIOR TO APRIL 14, 1972, COMMENCED PRIOR TO APRIL 14, 1972:
☐ YES ☐ NO
IF "YES," EXPLAIN IN DETAIL, AND IDENTIFY EXPLANATION AS EXHIBIT D.

18. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS ON EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):

TOTAL NUMBER OF PAGES 21

EXHIBIT B

APC 200

ITEM 11b

a) Equipment: W. W. Sly Manufacturing Company Pactecon dust filter, type PS No. 6 with a channel frame base, mechanical bag shaker and timer No. 3821 for semi-automatic control with manual initiation and fan pipe with blast gate. Dust collector is mounted on one of two storage silos. Air used in loading both silos is vented to collector.

b) Equipment is original.

c) Construction commenced in April of 1973 with operational commencement in April of 1976.

Appendix 1 to Exhibit B

Monsanto Enviro-Chem Systems Inc

SPECIFICATION FOR

LIME DUST COLLECTOR

ECN 0761 SPEC NO 512-106

ITEM NO V-019 NO REQ'D one

EQUIP NAME Lime Dust Collector

SHEET 1 OF 1

MADE BY	CH'K'D	APP'D BY	APP'D BY
MTL	AG		
DATE 10/12/72	DATE 10/17/72	DATE	DATE

ISSUE DATES: APP | FAB

FUNCTION: To collect dust from air used to convey pebble lime and to discharge this dust directly to the silo below.

OPERATION: Intermittent, outdoor service.

AMBIENT CONDITIONS: Temperature -20°F to +110°F

MATERIALS HANDLED: Air containing dolomitic quicklime dust coming from standard pneumatic unloading of, 3/4" to dust, dolomitic quicklime from trucks.

PERFORMANCE: Design air flow rate: 1600 CFM**
Pressure drop of collector (Max. dirty): 3" H_2O
**Two trucks unloading at 400 CFM @ 15 psig plus a surge factor of 2.0
Lime will be delivered to a height of 65 ft. The two silos will be connected with a 10" grasshopper.

TYPE: W.W. Sly Manufacturing Co. Pactecon dust filter, Type PS No. 6 with a channel frame base, mechanical bag shaker and timer or approved equal.

CONTROL: By others

DRIVE: ELECTRIC - VOLTS PHASE HERTZ TYPE See specs. 030-101&102 SERVICE FACTOR
TURBINE - STEAM SUPPLY PSIG. °F - EXHAUST PSIG

ACCESSORY EQUIPMENT REQUIRED: Motorized bag-shaking device, No. 3821 timer for semi-automatic control with manual initiation, and fan pipe with blast gate.

ISSUE DATES: PRELIM | INFO | BID

REMARKS: Dust collector to be mounted on one of two storage silos. Air used in loading either silo will be vented to collector. Unit to be supplied less hoppers, valves, and structural support.

MATERIALS AND DETAILS OF CONSTRUCTION* Vendor's standard for conditions.

Standard equipment includes minimum 16 ga. steel case, channel frame, gaskets quick-release doors, 24 Slytes ed filter bags, having 528 sq. ft. area, and complete shop assembly.

REFERENCE: For dust collector fan see spec. 402-104 attached.

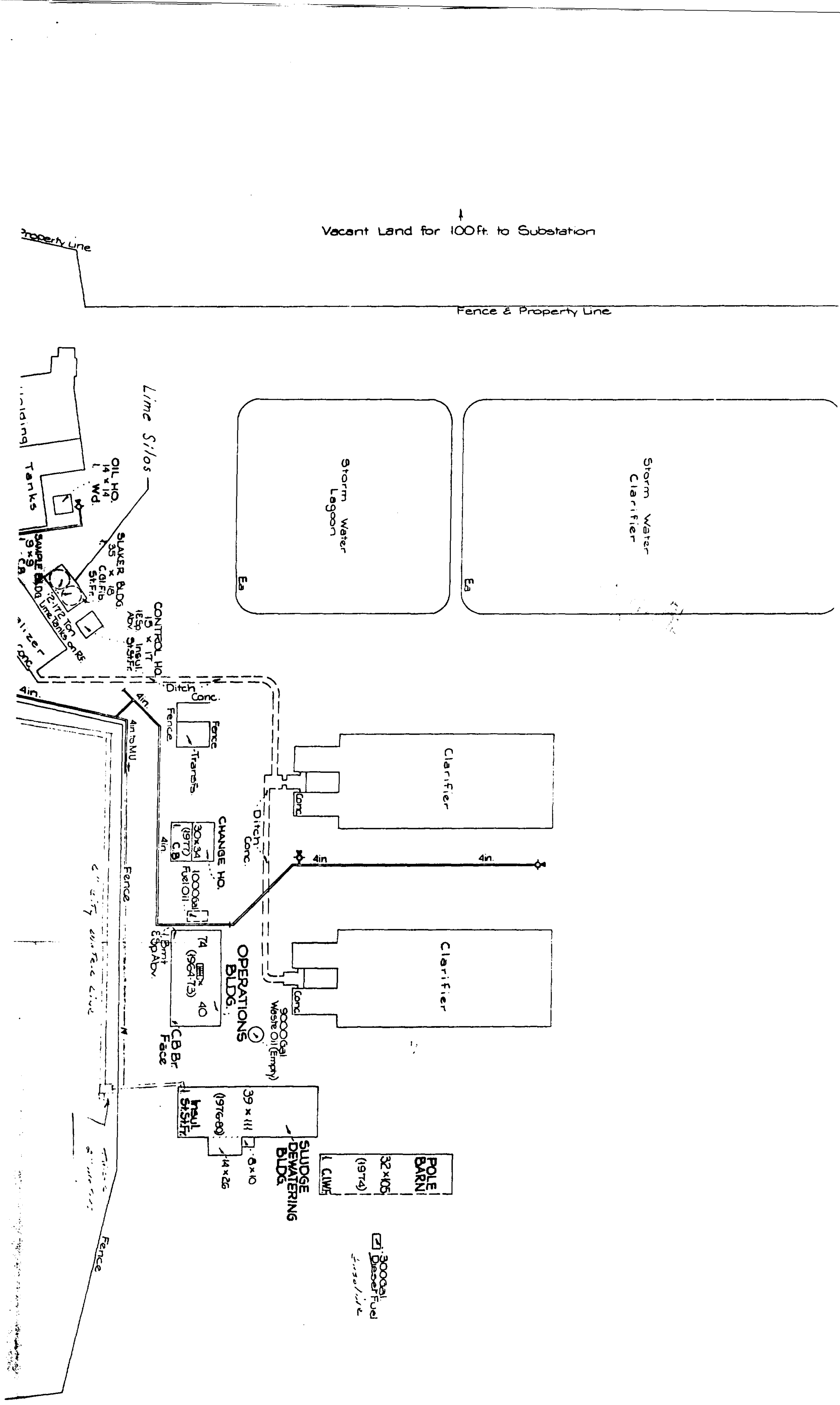
Unit shall meet applicable OSHA requirements.

COATING: Vendor's standard for conditions.

*BY VENDOR UNLESS SPECIFIED BY ENVIRO-CHEM

NO	DATE	BY	REVISION	NO	DATE	BY	REVISION

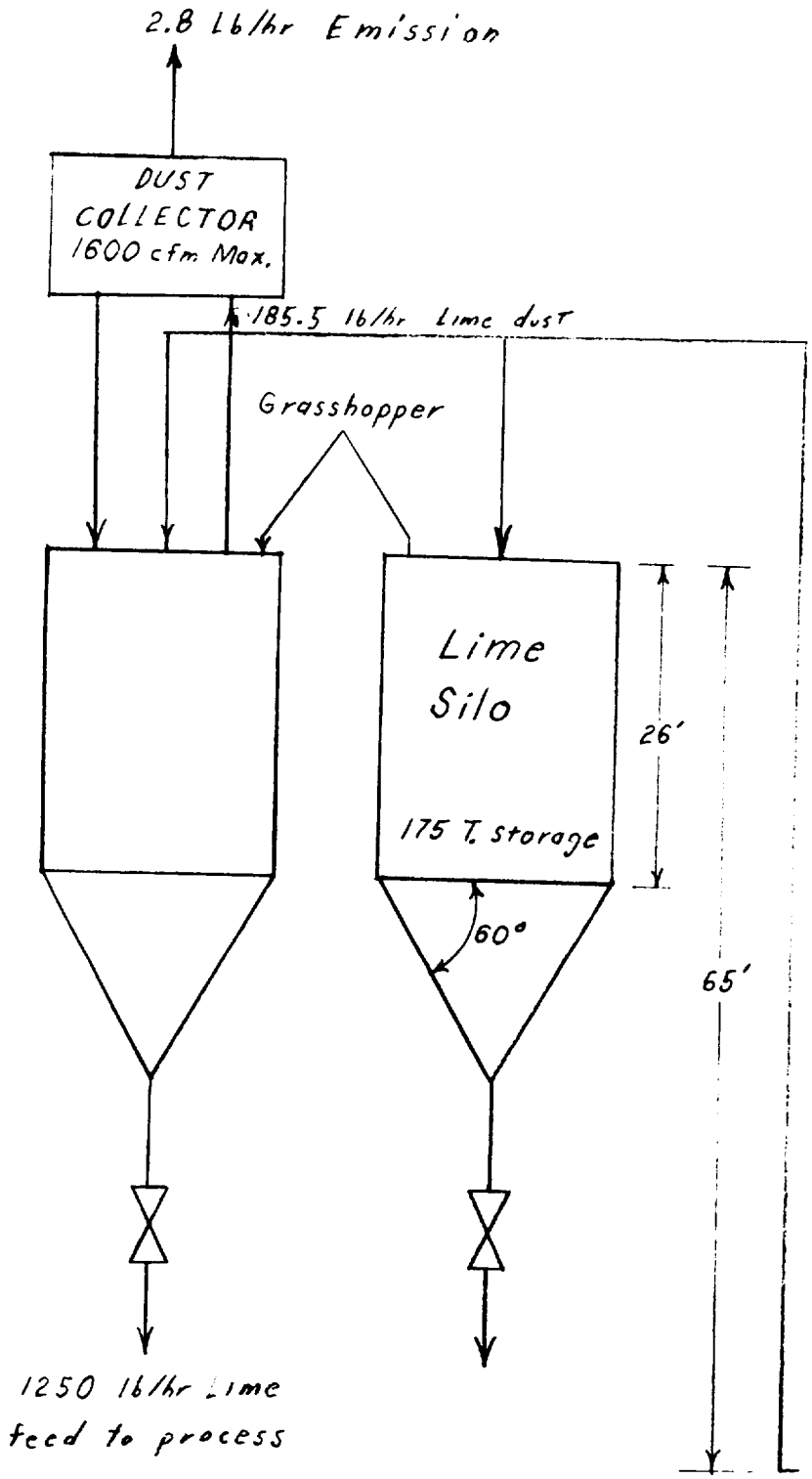
ECD 2-007 11/71



Vacant Land for 100ft. to Substation
Property Line
Fence & Property Line
Lime Silos
Tanks
OIL HO.
14 x 14
Wd.
SAMPLE BLDG
9 x 9
C.B.
SLAKER BLDG.
35 x 18
C.G.I.Fib.
St.Fr.
2-172 Ton Lime Tanks on RS
CONTROL HO.
15 x 17
Insul.
St.St.Fr.
Storm Water Lagoon
Storm Water Clarifier
Ea
Ditch
Conc.
4in.
Fence
Transfs.
4in to MU
Clarifier
Conc
CHANGE HO.
30 x 34
(1977)
C.B.
1000Gal.
Fuel Oil
4in.
OPERATIONS BLDG.
74
(1964-73)
40
C.B. Br. Face
9000Gal.
Waste Oil (Empty)
39 x 111
(1976-80)
Insul.
St.St.Fr.
14 x 26
6 x 10
SLUDGE DEWATERING BLDG.
POLE BARN
32 x 105
(1974)
C.I.W.F.
300Gal.
Diesel Fuel

EXHIBIT D

APE 200
ITEM 10



VO-19

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

*DATA AND INFORMATION PROCESS EMISSION SOURCE	

*THIS INFORMATION FORM IS TO BE COMPLETED FOR AN EMISSION SOURCE OTHER THAN A FUEL COMBUSTION EMISSION SOURCE OR AN INCINERATOR. A FUEL COMBUSTION EMISSION SOURCE IS A FURNACE, BOILER, OR SIMILAR EQUIPMENT USED PRIMARILY FOR PRODUCING HEAT OR POWER BY INDIRECT HEAT TRANSFER. AN INCINERATOR IS AN APPARATUS IN WHICH REFUSE IS BURNED.

1. NAME OF PLANT OWNER:	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER):
Village of Sauget, Illinois	Sauget Physical-Chemical Plant
3. STREET ADDRESS OF EMISSION SOURCE:	4. CITY OF EMISSION SOURCE:
10 Mobile Street	Sauget

GENERAL INFORMATION

5. NAME OF PROCESS:	6. NAME OF EMISSION SOURCE EQUIPMENT:	
Lime Storage	Lime Silos / Dust Filter	
7. EMISSION SOURCE EQUIPMENT MANUFACTURER:	8. MODEL NUMBER:	9. SERIAL NUMBER:
W. W. Sly Manufacturing Company	Type PS No. 6	JP 2864

10. FLOW DIAGRAM DESIGNATION(S) OF EMISSION SOURCE: V0-19

11. IDENTITY(S) OF ANY SIMILAR SOURCE(S) AT THE PLANT OR PREMISES NOT COVERED BY THE FORM (IF THE SOURCE IS COVERED BY ANOTHER APPLICATION, IDENTIFY THE APPLICATION): None

12. AVERAGE OPERATING TIME OF EMISSION SOURCE:	13. MAXIMUM OPERATING TIME OF EMISSION SOURCE:
1 HRS/DAY 5 DAYS/WK 52 WKS/YR	2 HRS/DAY 5 DAYS/WK 52 WKS/YR

14. PERCENT OF ANNUAL THROUGHPUT:
DEC-FEB 25 % MAR-MAY 25 % JUN-AUG 25 % SEPT-NOV 25 %

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION AND GENERAL INFORMATION SECTION.
2. COMPLETE THE RAW MATERIAL, PRODUCT, WASTE MATERIAL, AND FUEL USAGE SECTIONS FOR THE PARTICULAR SOURCE EQUIPMENT. COMPOSITIONS OF MATERIALS MUST BE SUFFICIENTLY DETAILED TO ALLOW DETERMINATION OF THE NATURE AND QUANTITY OF POTENTIAL EMISSIONS. IN PARTICULAR, THE COMPOSITION OF PAINTS, INKS, ETC., AND ANY SOLVENTS MUST BE FULLY DETAILED.
3. EMISSION AND EXHAUST POINT INFORMATION MUST BE COMPLETED, UNLESS EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
4. OPERATING TIME AND CERTAIN OTHER ITEMS REQUIRE BOTH AVERAGE AND MAXIMUM VALUES.
5. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS," APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE, OR THE GENERAL STATE OF PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
AVERAGE OPERATING TIME - ACTUAL TOTAL HOURS OF OPERATION FOR THE PRECEDING TWELVE MONTH PERIOD.
AVERAGE RATE - ACTUAL TOTAL QUANTITY OF "MATERIAL" FOR THE PRECEDING TWELVE MONTH PERIOD, DIVIDED BY THE AVERAGE OPERATING TIME.
AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
MAXIMUM OPERATING TIME - GREATEST EXPECTED TOTAL HOURS OF OPERATIONS FOR ANY TWELVE MONTH PERIOD.
MAXIMUM RATE - GREATEST QUANTITY OF "MATERIAL" EXPECTED PER ANY ONE HOUR OF OPERATION.
MAXIMUM OPERATION - GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

RAW MATERIAL INFORMATION		
NAME OF RAW MATERIAL	AVERAGE RATE PER IDENTICAL SOURCE	MAXIMUM RATE PER IDENTICAL SOURCE
20a. Lime (Calcium Oxide) (In Vehicle)	b. 46,000 LB/HR	c. 46,000 LB/HR
21a.	b. LB/HR	c. LB/HR
22a.	b. LB/HR	c. LB/HR
23a.	b. LB/HR	c. LB/HR
24a.	b. LB/HR	c. LB/HR

PRODUCT INFORMATION		
NAME OF PRODUCT	AVERAGE RATE PER IDENTICAL SOURCE	MAXIMUM RATE PER IDENTICAL SOURCE
30a. Lime (Calcium Oxide) (In Silo)	b. 46,000 LB/HR	c. 46,000 LB/HR
31a.	b. LB/HR	c. LB/HR
32a.	b. LB/HR	c. LB/HR
33a.	b. LB/HR	c. LB/HR
34a.	b. LB/HR	c. LB/HR

WASTE MATERIAL INFORMATION		
NAME OF WASTE MATERIAL	AVERAGE RATE PER IDENTICAL SOURCE	MAXIMUM RATE PER IDENTICAL SOURCE
40a. None	b. LB/HR	c. LB/HR
41a.	b. LB/HR	c. LB/HR
42a.	b. LB/HR	c. LB/HR
43a.	b. LB/HR	c. LB/HR
44a.	b. LB/HR	c. LB/HR

*FUEL USAGE INFORMATION		
FUEL USED	TYPE	HEAT CONTENT
50a. NATURAL GAS ☐	b.	c. 1000 BTU/SCF
OTHER GAS ☐		BTU/SCF
OIL ☐		BTU/GAL
COAL ☐		BTU/LB
OTHER ☐		BTU/LB
d. AVERAGE FIRING RATE PER IDENTICAL SOURCE: BTU/HR	e. MAXIMUM FIRING RATE PER IDENTICAL SOURCE: BTU/HR	

*THIS SECTION IS TO BE COMPLETED FOR ANY FUEL USED DIRECTLY IN THE PROCESS EMISSION SOURCE, E.G. GAS IN A DRYER, OR COAL IN A MELT FURNACE.

*EMISSION INFORMATION

51. NUMBER OF IDENTICAL SOURCES (DESCRIBE AS REQUIRED):
Emissions are exhausted through air pollution control equipment.

AVERAGE OPERATION

CONTAMINANT	CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE
PARTICULATE MATTER	52a. GR/SCF	b. LB/HR	c.
CARBON MONOXIDE	53a. PPM (VOL)	b. LB/HR	c.
NITROGEN OXIDES	54a. PPM (VOL)	b. LB/HR	c.
ORGANIC MATERIAL	55a. PPM (VOL)	b. LB/HR	c.
SULFUR DIOXIDE	56a. PPM (VOL)	b. LB/HR	c.
**OTHER (SPECIFY)	57a. PPM (VOL)	b. LB/HR	c.

MAXIMUM OPERATION

CONTAMINANT	CONCENTRATION OR EMISSION RATE PER IDENTICAL SOURCE		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE
PARTICULATE MATTER	58a. GR/SCF	b. LB/HR	c.
CARBON MONOXIDE	59a. PPM (VOL)	b. LB/HR	c.
NITROGEN OXIDES	60a. PPM (VOL)	b. LB/HR	c.
ORGANIC MATERIAL	61a. PPM (VOL)	b. LB/HR	c.
SULFUR DIOXIDE	62a. PPM (VOL)	b. LB/HR	c.
**OTHER (SPECIFY)	63a. PPM (VOL)	b. LB/HR	c.

*ITEMS 52 THROUGH 63 NEED NOT BE COMPLETED IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.
**"OTHER" CONTAMINANT SHOULD BE USED FOR AN AIR CONTAMINANT NOT SPECIFICALLY NAMED ABOVE. POSSIBLE OTHER CONTAMINANTS ARE ASBESTOS, BERYLLIUM, MERCURY, VINYL CHLORIDE, LEAD, ETC.

***EXHAUST POINT INFORMATION

64. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:

65. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):

66. EXIT HEIGHT ABOVE GRADE:	67. EXIT DIAMETER:
68. GREATEST HEIGHT OF NEARBY BUILDINGS: FT	69. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY: FT
AVERAGE OPERATION	MAXIMUM OPERATION
70. EXIT GAS TEMPERATURE: °F	72. EXIT GAS TEMPERATURE: °F
71. GAS FLOW RATE THROUGH EACH EXIT: ACFM	73. GAS FLOW RATE THROUGH EACH EACH EXIT: ACFM

***THIS SECTION SHOULD NOT BE COMPLETED IF EMISSIONS ARE EXHAUSTED THROUGH AIR POLLUTION CONTROL EQUIPMENT.

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

PROCESS EMISSION SOURCE ADDENDUM TANK	FOR AGENCY USE ONLY

1. NAME OF OWNER:	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER):
Village of Sauget, Illinois	Sauget Physical-Chemical Treatment Plant
3. STREET ADDRESS OF EMISSION SOURCE:	4. CITY OF EMISSION SOURCE:
10 Mobile Street	Sauget

TANK INFORMATION

5. NAME OF TANK MANUFACTURER:	6. DESIGNATION OF TANK:
Fabricated on site	VO-16 & 17
7. SERIAL NUMBER:	8. CAPACITY:
N/A	624 Cubic Feet
9. TANK USE:	10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL:
Lime Storage	2

11. TANK SHAPE: ☐ HORIZONTAL ☒ CYLINDRICAL ☐ SPHERICAL ☐ OTHER(SPECIFY)_____

12. TANK DIAMETER:	13. TANK HEIGHT:	14. TANK LENGTH:
16 FT	26 FT	N/A FT

15. STATUS:	16. TANK TYPE:
☒ EXISTING ☐ ALTERATION	☐ PRESSURE ☒ FIXED ROOF ☐ FLOATING ROOF ☐ OTHER(SPECIFY)_____
17. SEAL: ☐ SINGLE ☐ DOUBLE ☐ OTHER (SPECIFY)_____	18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: FT.
19. SHELL TYPE: ☐ RIVETED ☒ WELDED ☐ OTHER(SPECIFY) _____	20. PAINT COLOR: White

VENT VALVE DATA

TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN	a. 1	b. Atmos PSIG	c. To Dust Collector

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter III 1/2, Section 1039. Disclosure of this information is required unde that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

MATERIAL TO BE STORED

25. MATERIAL:	26. DENSITY:	27. VAPOR PRESSURE AT 70°F:
Lime (Calcium Oxide)	55 LB/FT^3	N/A PSIA

STORAGE CONDITIONS

28. STORAGE TEMPERATURE: MINIMUM Ambient °F MAXIMUM Ambient °F

29. TANK TURN OVER PER YEAR: 13 times ☐ BBLS/ ☐ GALS/

30. MAXIMUM FILLING RATE: 1600 cfm ☐ BBLS/DAY ☐ GALS/DAY

31. AVERAGE THROUGHPUT: 800 ☐ BBLS/DAY ☐ GALS/DAY

32. PRESSURE EQUALIZERS USED? ☐ YES ☒ NO

33. PERMANENT SUBMERGED LOADING PIPE USED? N/A ☐ YES ☐ NO

34. VAPOR LOSS CONTROL DEVICE? ☒ YES ☐ NO

IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.

11/19

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

*DATA AND INFORMATION AIR POLLUTION CONTROL EQUIPMENT	

*THIS INFORMATION FORM IS FOR AN INDIVIDUAL UNIT OF AIR POLLUTION CONTROL EQUIPMENT OR AN AIR POLLUTION CONTROL SYSTEM.

1. NAME OF OWNER: Village of Sauget, Illinois	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): Sauget P-Chem Plant
3. STREET ADDRESS OF CONTROL EQUIPMENT: 10 Mobile Street	4. CITY OF CONTROL EQUIPMENT: Sauget
5. NAME OF CONTROL EQUIPMENT OR CONTROL SYSTEM: Dust Collector	

INSTRUCTIONS

1. COMPLETE THE ABOVE IDENTIFICATION.
2. COMPLETE THE APPROPRIATE SECTION FOR THE UNIT OF CONTROL EQUIPMENT, OR THE APPROPRIATE SECTIONS FOR THE CONTROL SYSTEM. BE CERTAIN THAT THE ARRANGEMENT OF VARIOUS UNITS IN A CONTROL SYSTEM IS MADE CLEAR IN THE PROCESS FLOW DIAGRAM.
3. COMPLETE PAGE 6 OF THIS FORM, EMISSION INFORMATION AND EXHAUST POINT INFORMATION.
4. EFFICIENCY VALUES SHOULD BE SUPPORTED WITH A DETAILED EXPLANATION OF THE METHOD OF CALCULATION, THE MANNER OF ESTIMATION, OR THE SOURCE OF INFORMATION. REFERENCE TO THIS FORM ANY RELEVANT INFORMATION OR EXPLANATION INCLUDED IN THIS PERMIT APPLICATION.
5. EFFICIENCY VALUES AND CERTAIN OTHER ITEMS OF INFORMATION ARE TO BE GIVEN FOR AVERAGE AND MAXIMUM OPERATION OF THE SOURCE EQUIPMENT. FOR EXAMPLE, "MAXIMUM EFFICIENCY" IS THE EFFICIENCY OF THE CONTROL EQUIPMENT WHEN THE SOURCE IS AT MAXIMUM OPERATION, AND "AVERAGE FLOW RATE" IS THE FLOW RATE INTO THE CONTROL EQUIPMENT WHEN THE SOURCE IS AT AVERAGE OPERATION.
6. FOR GENERAL INFORMATION REFER TO "GENERAL INSTRUCTIONS FOR PERMIT APPLICATIONS", APC-201.

DEFINITIONS

AVERAGE - THE VALUE THAT SUMMARIZES OR REPRESENTS THE GENERAL CONDITION OF THE EMISSION SOURCE OR THE GENERAL STATE OF PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
AVERAGE OPERATION - OPERATION TYPICAL OF THE PRECEDING TWELVE MONTH PERIOD, AS REPRESENTED BY AVERAGE OPERATING TIME AND AVERAGE RATES.

MAXIMUM - THE GREATEST VALUE ATTAINABLE OR ATTAINED FROM THE EMISSION SOURCE, OR THE PERIOD OF GREATEST OR UTMOST PRODUCTION OF THE EMISSION SOURCE. SPECIFICALLY:
MAXIMUM OPERATION - THE GREATEST EXPECTED OPERATION, AS REPRESENTED BY MAXIMUM OPERATING TIME AND MAXIMUM RATES.

ADSORPTION UNIT N/A

1. FLOW DIAGRAM DESIGNATION(S) OF ADSORPTION UNIT:

2. MANUFACTURER:

3. MODEL NAME AND NUMBER:

4. ADSORBENT:
☐ ACTIVATED CHARCOAL: TYPE _____ ☐ OTHER: SPECIFY _____

5. ADSORBATE(S):

6. NUMBER OF BEDS PER UNIT:

7. WEIGHT OF ADSORBENT PER BED: LB

8. DIMENSIONS OF BED:
THICKNESS _____ IN, SURFACE AREA _____ SQUARE IN

9. INLET GAS TEMPERATURE: °F

10. PRESSURE DROP ACROSS UNIT: INCH H_2O GAUGE

11. TYPE OF REGENERATION:
☐ REPLACEMENT ☐ STEAM ☐ OTHER: SPECIFY _____

12. METHOD OF REGENERATION:
☐ ALTERNATE USE OF _____ ENTIRE UNITS ☐ ALTERNATE USE OF _____ BEDS IN A SINGLE UNIT
☐ SOURCE SHUT DOWN ☐ OTHER: DESCRIBE

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
13. TIME ON LINE BEFORE REGENERATION: MIN/BED	15. TIME ON LINE BEFORE REGENERATION: MIN/BED
14. EFFICIENCY OF ADSORBER (SEE INSTRUCTION 4): %	16. EFFICIENCY OF ADSORBER (SEE INSTRUCTION 4): %

AFTERBURNER N/A

1. FLOW DIAGRAM DESIGNATION(S) OF AFTERBURNER:

2. MANUFACTURER:

3. MODEL NAME AND NUMBER:

4. COMBUSTION CHAMBER DIMENSIONS:
LENGTH _____ IN, CROSS-SECTIONAL AREA _____ SQUARE IN.

5. INLET GAS TEMPERATURE: °F

7. FUEL:
☐ GAS ☐ OIL: SULFUR _____ WT%

6. OPERATING TEMPERATURE OF COMBUSTION CHAMBER: °F

8. BURNERS PER AFTERBURNER: @ BTU/HR EACH

9. CATALYST USED:
☐ NO ☐ YES: DESCRIBE CATALYST _____

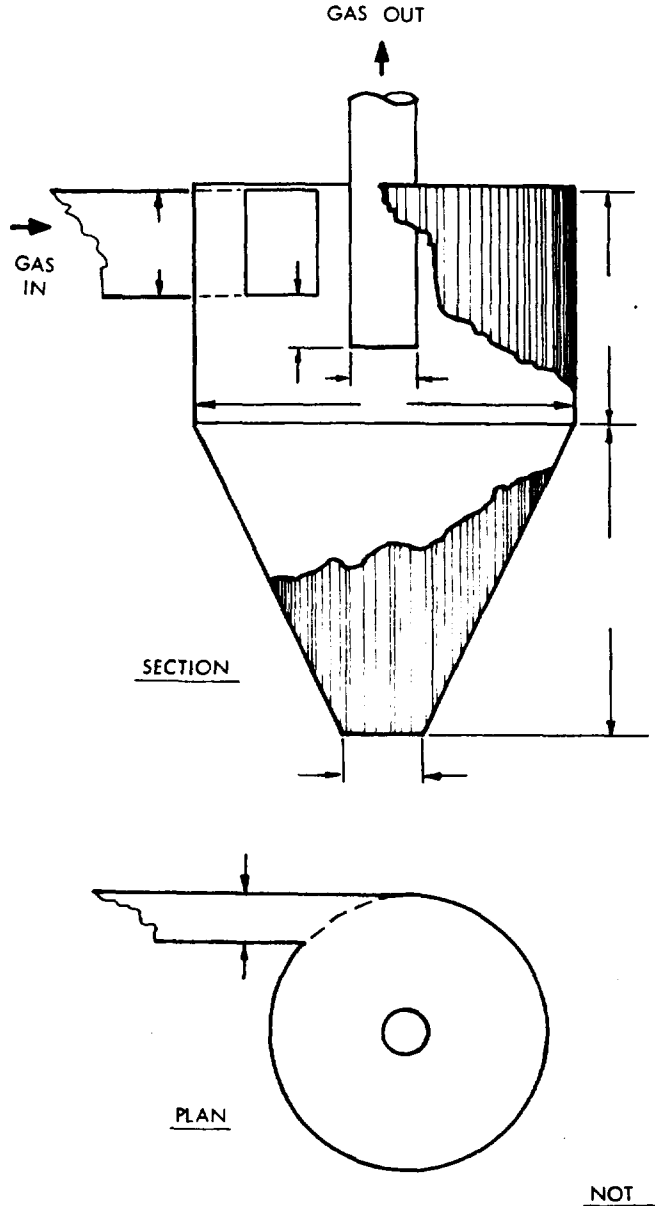
10. HEAT EXCHANGER USED:
☐ NO ☐ YES: DESCRIBE HEAT EXCHANGER _____

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
11. GAS FLOW RATE: SCFM	13. GAS FLOW RATE: SCFM
12. EFFICIENCY OF AFTERBURNER (SEE INSTRUCTION 4): %	14. EFFICIENCY OF AFTERBURNER (SEE INSTRUCTION 4): %

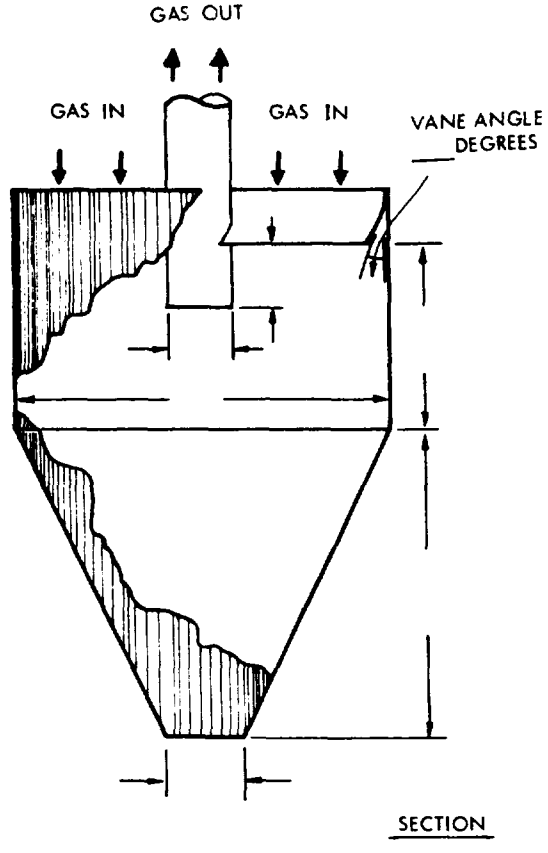
CYCLONE N/A	
1. FLOW DIAGRAM DESIGNATION(S) OF CYCLONE:	
2. MANUFACTURER:	3. MODEL:
4. TYPE OF CYCLONE: ☐ SIMPLE ☐ MULTIPLE	5. NUMBER OF CYCLONES IN EACH MULTIPLE CYCLONE:

6. DIMENSION THE APPROPRIATE SKETCH (IN INCHES) OR PROVIDE A DRAWING WITH EQUIVALENT INFORMATION:

TANGENTIAL INLET CYCLONE



AXIAL INLET CYCLONE
(INDIVIDUAL CYCLONE OF MULTIPLE CYCLONE)



NOT TO SCALE

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
7. GAS FLOW RATE: SCFM	9. GAS FLOW RATE: SCFM
8. EFFICIENCY OF CYCLONE (SEE INSTRUCTION 4): %	10. EFFICIENCY OF CYCLONE (SEE INSTRUCTION 4): %

CONDENSER

1. FLOW DIAGRAM DESIGNATION(S) OF CONDENSER:

2. MANUFACTURER:	3. MODEL NAME AND NUMBER:	4. HEAT EXCHANGE AREA: FT^2

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
5. COOLANT FLOW RATE PER CONDENSER: WATER _____ GPM AIR _____ SCFM; OTHER: TYPE _____, FLOW RATE _____	10. COOLANT FLOW RATE PER CONDENSER: WATER _____ GPM AIR _____ SCFM; OTHER: TYPE _____, FLOW RATE _____
6. GAS FLOW RATE: SCFM	11. GAS FLOW RATE: SCFM
7. COOLANT TEMPERATURE: INLET ___ °F OUTLET ___ °F; 8. GAS TEMPERATURE: INLET ___ °F OUTLET ___ °F	12. COOLANT TEMPERATURE: INLET ___ °F OUTLET ___ °F; 13. GAS TEMPERATURE: INLET ___ °F OUTLET ___ °F
9. EFFICIENCY OF CONDENSER (SEE INSTRUCTION 4): %	14. EFFICIENCY OF CONDENSER (SEE INSTRUCTION 4): %

*ELECTRICAL PRECIPITATOR

1. FLOW DIAGRAM DESIGNATION OF ELECTRICAL PRECIPITATOR:

2. MANUFACTURER:	3. MODEL NAME AND NUMBER:

4. COLLECTING ELECTRODE AREA PER CONTROL DEVICE: FT^2

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
5. GAS FLOW RATE: SCFM	7. GAS FLOW RATE: SCFM
6. EFFICIENCY OF ELECTRICAL PRECIPITATOR (SEE INSTRUCTION 4): %	8. EFFICIENCY OF ELECTRICAL PRECIPITATOR (SEE INSTRUCTION 4): %

SUBMIT THE MANUFACTURER'S SPECIFICATIONS FOR THE ELECTRICAL PRECIPITATOR. REFERENCE THE INFORMATION TO THIS FORM.

*ELECTRICAL PRECIPITATORS VARY GREATLY IN THEIR DESIGN AND IN THEIR COMPLEXITY. THE ITEMS IN THIS SECTION PROVIDE A MINIMUM AMOUNT OF INFORMATION. THE APPLICANT MUST, HOWEVER, SUBMIT WITH THIS APPLICATION THE MANUFACTURER'S SPECIFICATIONS, INCLUDING ANY DRAWINGS, TECHNICAL DOCUMENTS, ETC. IF THE INFORMATION PROVIDED BY THE MANUFACTURER'S SPECIFICATIONS IS INSUFFICIENT FOR FULL AND ACCURATE ANALYSIS, THE AGENCY WILL REQUEST SPECIFIC ADDITIONAL INFORMATION.

FILTER UNIT

1. FLOW DIAGRAM DESIGNATION(S) OF FILTER UNIT: V0-19

2. MANUFACTURER:	3. MODEL NAME AND NUMBER:
W.W. Sly Manufacturing Co.	Pactecon dust filter type PS No. 6
4. FILTERING MATERIAL: 24 Slytesed filter bags	5. FILTERING AREA: 528 SF

6. CLEANING METHOD:
[X] SHAKER [ ] REVERSE AIR [ ] PULSE AIR [ ] PULSE JET [ ] OTHER: SPECIFY _____

7. GAS COOLING METHOD: [ ] DUCTWORK: LENGTH _____ FT., DIAM _____ IN. [ ] BLEED-IN AIR [ ] WATER SPRAY [ ] OTHER: SPECIFY N/A

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
8. GAS FLOW RATE (FROM SOURCE): 800 SCFM	12. GAS FLOW RATE (FROM SOURCE): 1600 SCFM
9. GAS COOLING FLOW RATE: N/A BLEED-IN AIR _____ SCFM, WATER SPRAY _____ GPM	13. GAS COOLING FLOW RATE: N/A BLEED-IN AIR _____ SCFM, WATER SPRAY _____ GPM
10. INLET GAS CONDITION: TEMPERATURE Amb. °F DEWPOINT _____ °F	14. INLET GAS CONDITION: TEMPERATURE Amb. °F DEWPOINT _____ °F
11. EFFICIENCY OF FILTER UNIT (SEE INSTRUCTION 4): %	15. EFFICIENCY OF FILTER UNIT (SEE INSTRUCTION 4): %

SCRUBBER

1. FLOW DIAGRAM DESIGNATION(S) OF SCRUBBER:

2. MANUFACTURER:

3. MODEL NAME AND NUMBER:

4. TYPE OF SCRUBBER:

☐ HIGH ENERGY: GAS STREAM PRESSURE DROP _____ INCH H_2O

☐ PACKED: PACKING TYPE _____, PACKING SIZE _____, PACKED HEIGHT _____ IN.

☐ SPRAY: NUMBER OF NOZZLES _____, NOZZLE PRESSURE _____ PSIG

☐ OTHER: SPECIFY _____ ATTACH DESCRIPTION AND SKETCH WITH DIMENSIONS

5. TYPE OF FLOW:

☐ COCURRENT ☐ COUNTERCURRENT ☐ CROSSFLOW

6. SCRUBBER GEOMETRY:

LENGTH IN DIRECTION OF GAS FLOW _____ IN., CROSS-SECTIONAL AREA _____ SQUARE IN.

7. CHEMICAL COMPOSITION OF SCRUBBANT:

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
8. SCRUBBANT FLOW RATE: GPM	12. SCRUBBANT FLOW RATE: GPM
9. GAS FLOW RATE: SCFM	13. GAS FLOW RATE: SCFM
10. INLET GAS TEMPERATURE: °F	14. INLET GAS TEMPERATURE: °F
11. EFFICIENCY OF SCRUBBER (SEE INSTRUCTION 4): _____ % PARTICULATE _____ % GASEOUS	15. EFFICIENCY OF SCRUBBER (SEE INSTRUCTION 4): _____ % PARTICULATE _____ % GASEOUS

OTHER TYPE OF CONTROL EQUIPMENT

1. FLOW DIAGRAM DESIGNATION(S) OF "OTHER TYPE" OF CONTROL EQUIPMENT:

2. GENERIC NAME OF "OTHER" EQUIPMENT:

3. MANUFACTURER:

4. MODEL NAME AND NUMBER:

5. DESCRIPTION AND SKETCH, WITH DIMENSIONS AND FLOW RATES, OF "OTHER" EQUIPMENT:

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
6. FLOW RATES: _____ GPM _____ SCFM	8. FLOW RATES: _____ GPM _____ SCFM
7. EFFICIENCY OF "OTHER" EQUIPMENT (SEE INSTRUCTION 4): %	9. EFFICIENCY OF "OTHER" EQUIPMENT (SEE INSTRUCTION 4): %

EMISSION INFORMATION

1. NUMBER OF IDENTICAL CONTROL UNITS OR CONTROL SYSTEMS (DESCRIBE AS REQUIRED):

AVERAGE OPERATION OF SOURCE

CONTAMINANT	CONCENTRATION OR EMISSION RATE PER IDENTICAL CONTROL UNIT OR CONTROL SYSTEM		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE
PARTICULATE MATTER	2a. GR/SCF	b. 2.8 LB/HR	c. Engineering Estimate
CARBON MONOXIDE	3a. PPM (VOL)	b. LB/HR	c.
NITROGEN OXIDES	4a. PPM (VOL)	b. LB/HR	c.
ORGANIC MATERIAL	5a. PPM (VOL)	b. LB/HR	c.
SULFUR DIOXIDE	6a. PPM (VOL)	b. LB/HR	c.
OTHER (SPECIFY)	7a. PPM (VOL)	b. LB/HR	c.

MAXIMUM OPERATION OF SOURCE

CONTAMINANT	CONCENTRATION OR EMISSION RATE PER IDENTICAL CONTROL UNIT OR CONTROL SYSTEM		METHOD USED TO DETERMINE CONCENTRATION OR EMISSION RATE
PARTICULATE MATTER	8a. GR/SCF	b. 2.8 LB/HR	c. Engineering Estimate
CARBON MONOXIDE	9a. PPM (VOL)	b. LB/HR	c.
NITROGEN OXIDES	10a. PPM (VOL)	b. LB/HR	c.
ORGANIC MATERIAL	11a. PPM (VOL)	b. LB/HR	c.
SULFUR DIOXIDE	12a. PPM (VOL)	b. LB/HR	c.
OTHER (SPECIFY)	13a. PPM (VOL)	b. LB/HR	c.

**"OTHER" CONTAMINANT SHOULD BE USED FOR AN AIR CONTAMINANT NOT SPECIFICALLY NAMED ABOVE. POSSIBLE OTHER CONTAMINANTS ARE ASBESTOS, BERYLLIUM, MERCURY, VINYL CHLORIDE, LEAD, ETC.

EXHAUST POINT INFORMATION

1. FLOW DIAGRAM DESIGNATION(S) OF EXHAUST POINT:
   VO-19
2. DESCRIPTION OF EXHAUST POINT (LOCATION IN RELATION TO BUILDINGS, DIRECTION, HOODING, ETC.):
   Top of Silos
3. EXIT HEIGHT ABOVE GRADE:
   65 feet
4. EXIT DIAMETER:
5. GREASTEST HEIGHT OF NEARBY BUILDINGS:
   50 FT
6. EXIT DISTANCE FROM NEAREST PLANT BOUNDARY:
   50 FT

AVERAGE OPERATION OF SOURCE	MAXIMUM OPERATION OF SOURCE
7. EXIT GAS TEMPERATURE: Ambient °F	9. EXIT GAS TEMPERATURE: Ambient °F
8. GAS FLOW RATE THROUGH EACH EXIT: 800 ACFM	10. GAS FLOW RATE THROUGH EACH EXIT: 1600 ACFM

Disclosure of this information is required under t
Failure to do so may prevent this form from beir
and could result in your application being denied.
has been approved by the Forms Management Ce

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

DISPOSITION OF WASTE MATERIALS(A)

NAME OF EQUIPMENT OR PROCESS TO BE CONSTRUCTED OR OPERATED (B): Lime Silo

FOR AGENCY USE ONLY

REFERENCE I.D. NO. _____

REFERENCE PERMIT NO. _____

DATE _____

1a. NAME OF OWNER:		2a. NAME OF OPERATOR:	
Village of Sauget, Illinois		Sauget Sanitary Development & Research Assn	
1b. STREET ADDRESS OF OWNER:		2b. STREET ADDRESS OF OPERATOR:	
2897 Falling Springs Road		#10 Mobile Street	
1c. CITY OF OWNER:		2c. CITY OF OPERATOR:	
Sauget		Sauget	
1d. STATE OF OWNER:	1e. ZIP CODE:	2d. STATE OF OPERATOR:	2e. ZIP CODE:
Illinois	62206	Illinois	62201

3a. NAME OF CORPORATE DIVISION OR PLANT:		3b. STREET ADDRESS OF EMISSION SOURCE:		
Sauget Physical-Chemical Treatment Plant		10 Mobile Street		
3c. CITY OF EMISSION SOURCE:	3d. LOCATED WITHIN CITY LIMITS: [X] YES [ ] NO	3e. TOWNSHIP:	3f. COUNTY:	3g. ZIP CODE:
Sauget		Centreville	St. Clair	62201

4. ALL CORRESPONDENCE TO: (NAME OF INDIVIDUAL)	5. TELEPHONE NUMBER FOR AGENCY TO CALL:
Brett L. Hanke	(618) 874-3188
6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE) [ ] OWNER [X] OPERATOR [ ] EMISSION SOURCE	7. YOUR ID NUMBER FOR THIS APPLICATION:(C)

(A) THIS FORM IS TO BE COMPLETED FOR ANY STATIONARY EMISSION SOURCE THAT WILL RESULT IN THE PRODUCTION OF WASTE MATERIAL THAT MAY BE DISPOSED OF IN A MANNER THAT MAY CAUSE OR TEND TO CAUSE POLLUTION IN ILLINOIS EITHER ALONE OR IN COMBINATION WITH MATTER FROM OTHER SOURCES OR SO AS TO VIOLATE REGULATIONS OR STANDARDS ADOPTED BY THE POLLUTION CONTROL BOARD UNDER THE ENVIRONMENTAL PROTECTION ACT.

(B) ENTER INFORMATION HERE FROM COMPARABLE BLOCK ON APC-200 - "APPLICATION FOR A PERMIT".

(C) ENTER INFORMATION IN ITEM 7 ABOVE SAME AS ITEM 7 APC-200 - "APPLICATION FOR A PERMIT".

(D) IF ADDITIONAL SPACE IS REQUIRED USE ADDITIONAL SHEETS, ATTACH AND IDENTIFY INFORMATION BY APPROPRIATE BLOCK NUMBER AS IT APPEARS ON THIS FORM.

THIS ADDENDUM WILL BE REVIEWED BY THE DIVISION OF LAND POLLUTION CONTROL AND THE OWNER WILL BE NOTIFIED WHETHER OR NOT A DETAILED APPLICATION FOR A PERMIT WILL NEED TO BE SUBMITTED. THIS FORM APC-103 - "DISPOSITION OF SOLID WASTE" IN ITSELF SHALL NOT BE CONSIDERED TO BE AN APPLICATION FOR A PERMIT. PROPER APPLICATION FOR PERMIT FORMS WILL BE MAILED TO YOU BY THE DIVISION OF LAND POLLUTION CONTROL, IF IT IS DEEMED THAT THE FACILITY REQUIRES A PERMIT.

8. BRIEFLY DESCRIBE THE PROCESS WHICH WILL RESULT IN THE PRODUCTION OF WASTE MATERIAL:

The pneumatic loading of dolomitic quicklime pebbles into silos.

9. DESCRIBE THE STATE OF THE WASTE MATERIAL (SLURRY, CAKE, FINE ASH, CINDERS, POWDER, SLUDGE, WATER SUSPENDED, ETC.) AT THE APPLICANT'S PROPOSED DISPOSAL SITE:

Dust / powder accompanying dolomitic quicklime pebbles.

10. FOR THE WASTE STATE THE CHEMICAL COMPOSITION, EXPRESSED AS WEIGHT PERCENTAGES OF SOLID WASTE OR IN MILLIGRAMS PER LITER FOR LIQUIDS:

Waste is caught and cycled into the process.

10a. STATE VOLUME & WEIGHT OF THE WASTE GENERATED BY THIS OPERATION:
DAILY _____ /DAY WEEKLY _____ /WK MONTHLY _____ /MO. YEARLY _____ /YR OTHER _____

11a. WILL THE WASTE MATERIAL BE DEPOSITED IN A SANITARY LANDFILL PERMITTED BY THE ENVIRONMENTAL PROTECTION AGENCY?

☐ YES ☒ NO Dust collector returns captured particles to lime silo.

11b. IF THE ANSWER TO 1a IS "YES", STATE THE NAME AND AGENCY SUPPLEMENTAL PERMIT NUMBER OF SUCH SITE.

NAME _____ SUPPLEMENTAL PERMIT NO. _____

12a. WILL THE WASTE MATERIAL BE STORED OR PROCESS AT THE APPLICANT PLANT OR PREMISES? ☒ YES ☐ NO

12b. IF THE ANSWER TO 12a IS "YES", EXPLAIN.

Dust collector returns captured particles to lime silo.

13a. WILL THE WASTE MATERIAL BE TRANSPORTED TO A REMOTE SITE FOR STORAGE, PROCESSING, OR DISPOSAL? ☐ YES ☒ NO

13b. IF THE ANSWER TO 13a IS "YES", EXPLAIN.

14a. WILL THE WASTE MATERIAL BE INCINERATED? ☐ YES ☒ NO

14b. IF THE ANSWER TO 14a IS "YES", EXPLAIN.

15. IF THE WASTE WILL BE DISPOSED OR UTILIZED IN A MANNER NOT OTHERWISE DESCRIBED, STATE THE METHOD OF UTILIZATION OR DISPOSAL TO BE USED AND THE OWNER AND LOCATION OF THE DISPOSAL OR PROCESSING FACILITY AND EXPLAIN.